Supporting Information for

African views of Chinese engagement:
the political economy of a gender gap

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All data and code required to reproduce the results in this study are available in a replication package posted at https://dataverse.harvard.edu/dataverse/jkarreth.

This supplementary document contains summary statistics and full regression results from all analyses mentioned in the main text.

Table A1 Summary statistics for key variables at the individual level

	Mean	Min	Median	Max
Positive influence of China	3.83	1.00	4.00	5.00
Female	0.46	0.00	0.00	1.00
Age	36.86	18.00	34.00	101.00
Education	3.63	0.00	4.00	9.00
Urban	0.46	0.00	0.00	1.00
Ownership of items (count)	2.48	0.00	3.00	4.00
Employed	0.38	0.00	0.00	1.00
Occupation in agriculture	0.23	0.00	0.00	1.00
Occupation in trade/retail	0.14	0.00	0.00	1.00
Prefer democracy to other types of gov't	0.76	0.00	1.00	1.00
Approve of one-party rule	1.86	1.00	1.00	5.00
Approve of military rule	1.97	1.00	1.00	5.00
Approve of one-man rule	1.71	1.00	1.00	5.00
Oppose free trade and open borders	0.43	0.00	0.00	1.00
Approve immigrants as neighbors	3.51	1.00	3.00	5.00

Source: Afrobarometer Data (2017), Afrobarometer Data (2023).
Above values are on the original scale of each variable.
For regression analyses, all variables are standardized.

Table A2 Summary statistics for key variables at the country level

	Mean	Min	Median	Max	Source
Chinese development finance / GDP	0.01	0.00	0.00	0.04	AidData
GDP per capita (logged)	8.36	6.91	8.18	10.16	WDI
Democracy	0.03	−0.23	0.03	0.30	V-Dem
Former British colony	0.44	0.00	0.00	1.00	ARD
Former French colony	0.40	0.00	0.00	1.00	ARD
Female education (country median)	2.89	0.00	3.00	5.00	Afrobarometer

Sources:
  AidData: Dreher, Fuchs, Parks, Strange and Tierney (2022).
  WDI: World Bank (2022).
  Afrobarometer: Afrobarometer Data (2017), Afrobarometer Data (2023).
  ARD: Teorell and Wahman (2018).

Full regression results

Table A3 Multilevel estimates of responses to 'Do you think that the economic and political influence of China on your country is mostly negative (1) or positive (5)?'

	Education	Ownership	Agriculture	Trade/Retail
Intercept	3.9*	3.9*	3.9*	3.9*
	(0.5)	(0.5)	(0.5)	(0.5)
Individual-level				
Female	−0.035*	−0.035*	−0.02	−0.026*
	(0.009)	(0.009)	(0.01)	(0.009)
Age	−0.013	−0.013	−0.017	−0.013
	(0.009)	(0.009)	(0.009)	(0.009)
Education	−0.04*	−0.03*	−0.03*	−0.03*
	(0.01)	(0.01)	(0.01)	(0.01)
Urban	−0.037*	−0.037*	−0.03*	−0.04*
	(0.009)	(0.009)	(0.01)	(0.01)
Ownership of items (count)	0.04*	0.02	0.04*	0.04*
	(0.01)	(0.01)	(0.01)	(0.01)
Employed	0.020*	0.021*	0.021*	0.021*
	(0.009)	(0.009)	(0.009)	(0.009)
Prefer democracy to other types of gov't	0.09*	0.09*	0.09*	0.09*
	(0.01)	(0.01)	(0.01)	(0.01)
Oppose free trade and open borders	−0.114*	−0.114*	−0.114*	−0.114*
	(0.009)	(0.009)	(0.009)	(0.009)
Approve immigrants as neighbors	0.042*	0.042*	0.042*	0.042*
	(0.004)	(0.004)	(0.004)	(0.004)
Occupied in agriculture			0.05*	
			(0.01)	
Occupied in trade/retail				0.02
				(0.02)
Country-level				
Chinese development finance / GDP	−0.4	−0.4	−0.4	−0.4
	(0.6)	(0.6)	(0.6)	(0.6)
GDP per capita (logged)	0.03	0.03	0.03	0.03
	(0.06)	(0.06)	(0.06)	(0.06)
Female education (country median)	−0.06*	−0.06*	−0.06*	−0.06*
	(0.01)	(0.01)	(0.01)	(0.01)
Democracy	−0.7*	−0.7*	−0.7*	−0.7*
	(0.1)	(0.1)	(0.1)	(0.1)
Former British colony	−0.3	−0.3	−0.3	−0.3
	(0.2)	(0.2)	(0.2)	(0.2)
Former French colony	−0.3	−0.3	−0.3	−0.3
	(0.2)	(0.2)	(0.2)	(0.2)
Individual-level interactions				
Female x Education	0.02			
	(0.02)			
Female x Ownership		0.03		
		(0.02)		
Female x Occupied in agriculture			−0.06*	
			(0.02)	
Female x Occupied in trade/retail				−0.05*
				(0.02)
Num.Obs.	74 692	74 692	74 692	74 692
AIC	232 726.0	232 724.4	232 722.7	232 731.2
BIC	232 910.4	232 908.8	232 916.4	232 924.8
RMSE	1.15	1.15	1.15	1.15

* $p < 0.05$

Estimates from multilevel models with varying intercepts for countries and survey waves.

Table A4 Multilevel estimates of responses to 'Do you think that the economic and political influence of China on your country is mostly negative (1) or positive (5)?'

	Anti-trade	Anti-foreign
Intercept	3.9*	3.9*
	(0.5)	(0.5)
Individual-level		
Female	−0.03*	−0.04
	(0.01)	(0.03)
Age	−0.013	−0.013
	(0.009)	(0.009)
Education	−0.03*	−0.03*
	(0.01)	(0.01)
Urban	−0.037*	−0.037*
	(0.009)	(0.009)
Ownership of items (count)	0.04*	0.04*
	(0.01)	(0.01)
Employed	0.020*	0.020*
	(0.009)	(0.009)
Prefer democracy to other types of gov't	0.09*	0.09*
	(0.01)	(0.01)
Oppose free trade and open borders	−0.11*	−0.114*
	(0.01)	(0.009)
Approve immigrants as neighbors	0.042*	0.042*
	(0.004)	(0.005)
Country-level		
Chinese development finance / GDP	−0.4	−0.4
	(0.6)	(0.6)
GDP per capita (logged)	0.03	0.03
	(0.06)	(0.06)
Female education (country median)	−0.06*	−0.06*
	(0.01)	(0.01)
Democracy	−0.7*	−0.7*
	(0.1)	(0.1)
Former British colony	−0.3	−0.3
	(0.2)	(0.2)
Former French colony	−0.3	−0.3
	(0.2)	(0.2)
Individual-level interactions		
Female x Oppose free trade	−0.006	
	(0.017)	
Female x Approve immigrants		0.001
		(0.007)
Num.Obs.	74 692	74 692
AIC	232 727.0	232 728.9
BIC	232 911.4	232 913.3
RMSE	1.15	1.15

* $p < 0.05$

Estimates from multilevel models with varying intercepts for countries and survey waves.

Table A5 Multilevel estimates of responses to 'Do you think that the economic and political influence of China on your country is mostly negative (1) or positive (5)?'

	(1)
Intercept	4.14*
	(0.59)
Individual-level	
Female	−0.117*
	(0.028)
Age	−0.0167
	(0.0089)
Education	−0.0314*
	(0.0096)
Urban	−0.0371*
	(0.0094)
Ownership of items (count)	0.0353*
	(0.0094)
Employed	0.0242*
	(0.0094)
Prefer democracy to other types of gov't	0.0802*
	(0.0099)
Oppose free trade and open borders	−0.1087*
	(0.0087)
Approve immigrants as neighbors	0.0497*
	(0.0036)
Chinese development finance / GDP	−1.7
	(1.1)
Country-level	
GDP per capita (logged)	0.035
	(0.084)
Female education (country median)	−0.126*
	(0.052)
Democracy	−0.69*
	(0.26)
Former British colony	−0.34*
	(0.15)
Former French colony	−0.47*
	(0.17)
Cross-level interaction	
Female x Median female education	0.0272*
	(0.0084)
Num.Obs.	74 692
AIC	231 417.0
BIC	231 610.6
ICC	0.1
RMSE	1.13

* $p < 0.05$

Estimates from multilevel model with varying intercepts for country-waves.

References cited in the Supporting Information

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